



The University of Paderborn is a high-performance and internationally oriented campus university with around 20,000 students. In interdisciplinary teams, we shape forward-looking research, innovative teaching and the active transfer of knowledge to society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our more than 2,600 employees in research, teaching, technology and administration a lively, family-friendly and opportunity-oriented working environment with short decision-making paths and a wide range of opportunities.

Shape the future with us!

Within the faculty of Computer Science, Electrical Engineering and Mathematics the departments of Automatic Control and Data Science for Engineering an open position for a

Student assistant (f/m/d)

or

Student assistant with bachelor degree (f/m/d)

(SHK or WHB depending on personal requirements)

is available. We are looking for active support in the research project "DARE" (Simulation and AI-based control of decentralized electrical power systems). This is a temporary position of up to 15 work hours per week (less is possible).

Your tasks are:

- Building a graphical user interface (GUI) for an advanced simulation framework addressing future electrical power systems
- Linking the GUI with the simulation framework currently under development
- Contributing your software code to the project repository on github based on the Julia programming language
- Active cooperation with the other members of the project group as well as contribution of own suggestions for the improvement of the open-source code currently under development

Your qualification:

- Student of computer science, computer engineering, electrical engineering, mathematics or similar
- Practical experience in the development of GUIs (e.g., using Qt)
- Practical programming experience, ideally using Julia
- Practical experience in software development project within teams

Applications from women are expressly welcome and, in accordance with the LGG, will be given preferential consideration in the case of equal suitability, ability and professional performance, unless reasons relating to the person of a competitor outweigh this.

We also welcome applications from suitable severely disabled persons and persons of equal status within the meaning of the Ninth Book of the Social Code (SGB IX).

If you are interested in working as a SHK/WHB, please send your documents using the **Ref. No. 5688** directly to Dr. Oliver Wallscheid (oliver.wallscheid@upb.de) and Jun.-Prof. Dr. Sebastian Peitz (sebastian.peitz@upb.de).

Information on the processing of your personal data can be found at: <https://www.uni-paderborn.de/zv/personaldatenschutz>.

We look forward to receiving your application!

Dr. O. Wallscheid / Jun.-Prof. Dr. S. Peitz
Faculty of Electrical Engineering, Computer Science
University of Paderborn
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